

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"N-acyl phosphatidyl ethanolamine" same (cereal or wheat or barley or oat)	US-PGPUB; USPAT	OR	ON	2010/06/02 12:54
L2	0	"N-acyl phosphatidyl ethanolamine" same (cereal or wheat or barley or oat)	EPO; JPO; DERWENT	OR	ON	2010/06/02 12:55
L3	1	"N-acyl phosphatidylethanolamine" same (cereal or wheat or barley or oat)	US-PGPUB; USPAT	OR	ON	2010/06/02 12:55
L4	0	"lysophosphatidyl ethanolamine" same (cereal or wheat or barley or oat)	US-PGPUB; USPAT	OR	ON	2010/06/02 13:02
L5	3	"lysophosphatidyl ethanolamine" same (cereal or wheat or barley or oat)	US-PGPUB; USPAT	OR	ON	2010/06/02 13:02
S1	7	((CHRI STEL) near2 (JORGENSEN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/05/30 17:06
S2	4	((LUI SE) near2 (ERLANDSEN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/05/30 17:06
S3	33	((KIM) near2 (BORCH)).INV.	US-PGPUB; USPAT	OR	OFF	2008/05/30 17:06
S4	1	("5183680").PN.	US-PGPUB; USPAT	OR	ON	2008/05/30 17:27
S5	1216	Phospholipase\$1 with assay\$3	US-PGPUB; USPAT	OR	ON	2008/05/30 18:18
S7	0	S5 and "n-acyl phosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	ON	2008/05/30 18:19
S8	0	S5 and "n-acyl lysophosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	ON	2008/05/30 18:20
S9	0	S5 and "n-acyl phosphatidyl choline"	US-PGPUB; USPAT	OR	ON	2008/05/30 18:21
S10	91	S5 and " phosphatidyl choline"	US-PGPUB; USPAT	OR	ON	2008/05/30 18:21
S12	69	S5 and "phosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	ON	2008/05/30 18:22
S13	8	S5 and "lysophosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	ON	2008/05/30 18:22
S14	58	S12 and "fatty acids"	US-PGPUB; USPAT	OR	ON	2008/05/30 18:34
S15	52	S12 and (HPLC or TLC)	US-PGPUB; USPAT	OR	ON	2008/05/30 18:34
S16	31	S15 and HPLC	US-PGPUB; USPAT	OR	ON	2008/05/30 18:34
S17	16	S16 and flour	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
S18	1	"dough improver" with phospholipase	US-PGPUB; USPAT	OR	OFF	2008/06/02 07:45
S19	300	baking and phospholipase	US-PGPUB; USPAT	OR	OFF	2008/06/02 07:54
S20	55	"L12" and "phosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	OFF	2008/06/02 07:55

S21	54	S20 and "phosphatidyl choline"	US-PGPUB; USPAT	OR	OFF	2008/06/02 07:57
S22	53	S21 and screening	US-PGPUB; USPAT	OR	OFF	2008/06/02 07:58
S23	6	S22 and @pd<"20021212"	US-PGPUB; USPAT	OR	OFF	2008/06/02 07:59
S24	4	bak\$3 with "phosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	OFF	2008/06/02 08:03
S25	479	bak\$3 and "fusarium oxysporum"	US-PGPUB; USPAT	OR	OFF	2008/06/02 08:27
S26	110	S25 and phospholipase	US-PGPUB; USPAT	OR	OFF	2008/06/02 08:27
S27	1	S26 and "n-acyl phosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	OFF	2008/06/02 08:28
S28	3	S26 and " phosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	OFF	2008/06/02 08:29
S29	14	S26 and @pd<"20021212"	US-PGPUB; USPAT	OR	OFF	2008/06/02 08:29
S30	4388	method and "lipolytic enzyme"	US-PGPUB; USPAT	OR	ON	2009/01/12 13:46
S31	3	S30 and "N acyl phosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	ON	2009/01/12 13:47
S32	148	method and "lipolytic enzyme"	EPO; JPO; DERWENT	OR	ON	2009/01/12 13:48
S33	3	S32 and "N acyl phosphatidyl ethanolamine"	EPO; JPO; DERWENT	OR	ON	2009/01/12 13:48
S34	1418	phospholipase\$1 and ethanolamine and choline	US-PGPUB; USPAT	OR	ON	2009/01/12 14:57
S35	4	S34 and ("bread volume" or "loaf volume" or "baked volume")	US-PGPUB; USPAT	OR	ON	2009/01/12 14:58
S36	1	S34 and "bread quality"	US-PGPUB; USPAT	OR	ON	2009/01/12 14:59
S37	58	S34 and texture	US-PGPUB; USPAT	OR	ON	2009/01/12 14:59
S38	204	S34 and wheat	US-PGPUB; USPAT	OR	ON	2009/01/12 15:26
S39	0	S38 and (wheat near10 "phosphatidyl ethanolamine")	US-PGPUB; USPAT	OR	ON	2009/01/12 15:26
S40	1	"4684526".pn.	US-PGPUB; USPAT	OR	OFF	2009/01/12 18:00
S41	3	baking with (choline and ethanolamine)	US-PGPUB; USPAT	OR	OFF	2009/01/12 18:21
S42	1	"5378623".pn.	US-PGPUB; USPAT	OR	ON	2009/01/13 10:42
S43	1	09/892171	US-PGPUB; USPAT	OR	ON	2009/01/13 10:47
S44	103	"Phospholipase A2" and baking	US-PGPUB; USPAT	OR	ON	2009/01/13 10:52
S45	27	S44 and "substrate specificity"	US-PGPUB; USPAT	OR	ON	2009/01/13 10:52
S46	15	S44 and "phosphatidyl choline"	US-PGPUB; USPAT	OR	ON	2009/01/13 10:54

S47	0	phospholipase adj "A sub.2"	EPO; JPO; DERWENT	OR	ON	2009/01/13 11:00
S48	1317	phospholipase adj A2	EPO; JPO; DERWENT	OR	ON	2009/01/13 11:00
S49	4	S48 and baking	EPO; JPO; DERWENT	OR	ON	2009/01/13 11:00
S50	1	"4567046".pn.	US-PGPUB; USPAT	OR	OFF	2009/01/13 11:17
S51	0	"N-acyl Phosphatidylethanolamine" and phospholipase and baking	US-PGPUB; USPAT	OR	ON	2009/01/13 14:40
S52	0	"N acyl Phosphatidylethanolamine" and phospholipase and baking	US-PGPUB; USPAT	OR	ON	2009/01/13 14:41
S53	3	"N acyl Phosphatidyl ethanolamine" and phospholipase and baking	US-PGPUB; USPAT	OR	ON	2009/01/13 14:41
S54	1	"N acyl Phosphatidyl ethanolamine" and "phospholipase D"	US-PGPUB; USPAT	OR	ON	2009/01/13 14:42
S55	1	"4783402".pn.	US-PGPUB; USPAT	OR	ON	2009/01/13 14:44
S56	0	"phospholipase D" and "substrate selectivity" and "baking additive"	US-PGPUB; USPAT	OR	ON	2009/01/13 16:47
S57	11	"phospholipase D" and "substrate selectivity"	US-PGPUB; USPAT	OR	ON	2009/01/13 16:47
S58	23	"phospholipase D" and dough	US-PGPUB; USPAT	OR	ON	2009/01/13 16:49
S59	1	select\$3 near10 lipolytic near10 ethanolamine	US-PGPUB; USPAT	OR	ON	2009/09/28 14:04
S60	1	select\$3 near10 lipolytic near10 choline	US-PGPUB; USPAT	OR	ON	2009/09/28 14:04
S61	15	select\$3 near10 lipolytic near10 phospholipase\$1	US-PGPUB; USPAT	OR	ON	2009/09/28 14:05
S62	1	"phosphatidyl ethanolamine" near10 incubat S3 near10 lipolytic	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:08
S63	3	"N-acyl phosphatidyl ethanolamine" and bak \$3	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:15
S64	3	"N-acyl phosphatidyl ethanolamine" and dough	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:17
S65	7	"N-acyl phosphatidyl ethanolamine" and "phosphatidyl choline"	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:18
S66	0	"N-acyl phosphatidyl ethanolamine" near10 flour	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:22
S67	0	"phosphatidyl ethanolamine" near10 flour	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:23
S68	8	"N-acyl phosphatidyl ethanolamine"	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:23
S69	0	"N-acyl phosphatidyl ethanolamine" and esterase	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:28
S70	0	"N-acyl phosphatidyl ethanolamine" with Phospholipase	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:30
S71	0	"N-acyl phosphatidyl ethanolamine" and Phospholipase	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:30
S72	1	"N-acyl phosphatidyl ethanolamine" with bak \$3	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:30

S73	4953	esterase\$1	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:31
S74	0	S73 and "acyl phosphatidyl ethanolamine"	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:32
S75	27	"acyl phosphatidyl ethanolamine"	EPO; JPO; DERWENT	OR	ON	2009/09/28 14:32
S76	0	"N-acyl phosphatidyl ethanolamine" with "phospholipae A2"	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:32
S77	0	"N-acyl phosphatidyl ethanolamine" and "phospholipae A2"	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:32
S78	0	"N-acyl phosphatidylethanolamine" and "phospholipae A2"	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:32
S79	0	"N-acyl phosphatidylethanolamine" with "phospholipase A2"	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:33
S80	0	"N-acyl phosphatidylethanolamine" with "phospholipase D"	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:33
S81	1	"phospholipase D" with bak\$3	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:33
S82	4	"phospholipase D" and bak\$3	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:35
S83	0	"phospholipase D" with dough	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:37
S84	3	"phospholipase A2" with dough	EPO; JPO; DERWENT	OR	ON	2009/09/28 15:37
S85	0	"phospholipase D" near10 assay\$3 near10 dough	EPO; JPO; DERWENT	OR	ON	2009/09/28 16:25
S86	0	"phospholipase D" near10 assay\$3 near10 flour	EPO; JPO; DERWENT	OR	ON	2009/09/28 16:26
S87	0	"phospholipase D" near10 assay\$3 near10 mix\$3	EPO; JPO; DERWENT	OR	ON	2009/09/28 16:26
S88	6	"phospholipase D" near10 assay\$3	EPO; JPO; DERWENT	OR	ON	2009/09/28 16:26
S89	0	"phospholipase D" near10 "N-acyl phosphatidyl ethanolamine"	EPO; JPO; DERWENT	OR	ON	2009/09/28 16:27
S90	0	"phospholipase D" near10 bak\$3	US-PGPUB; USPAT	OR	ON	2009/09/28 16:28
S91	312	"phospholipase D" and bak\$3	US-PGPUB; USPAT	OR	ON	2009/09/28 16:28
S92	0	S91 and "N-acyl phosphatidyl ethanolamine"	US-PGPUB; USPAT	OR	ON	2009/09/28 16:29
S93	0	S91 and (enzyme near10 mix near10 dough)	US-PGPUB; USPAT	OR	ON	2009/09/28 16:31
S94	0	S91 and (enzyme near10 mix\$3 near10 dough)	US-PGPUB; USPAT	OR	ON	2009/09/28 16:31
S95	43	N-acylphosphatidylethanolamine	US-PGPUB; USPAT	OR	ON	2009/09/28 16:32
S96	15	S95 and phospholipase	US-PGPUB; USPAT	OR	ON	2009/09/28 16:32
S97	1	"wheat flour" with "N-acylphosphatidylethanolamine"	US-PGPUB; USPAT	OR	ON	2009/09/28 16:34
S98	0	"N-acylphosphatidylethanolamine specific phospholipase D"	US-PGPUB; USPAT	OR	ON	2009/09/28 16:49

S99	0	"N-acyl phosphatidylethanolamine specific phospholipase D"	US-PGPUB; USPAT	OR	ON	2009/09/28 16:49
S100	0	"N-acyl phosphatidylethanolamine specific phospholipase D"	EPO; JPO; DERWENT	OR	ON	2009/09/28 16:49
S101	0	"N-acyl phosphatidylethanolamine specific phospholipase D"	EPO; JPO; DERWENT	OR	ON	2009/09/28 16:50
S102	1	"4567046".pn.	US-PGPUB; USPAT	OR	ON	2009/09/30 10:56
S103	3	"phospholipase D" with dough	US-PGPUB; USPAT	OR	ON	2009/09/30 10:59
S104	3	("4567046"   "5183680"   "5354853").PN.	US-PGPUB; USPAT	OR	ON	2009/09/30 11:05
S105	1	"4478866".pn.	US-PGPUB; USPAT	OR	ON	2010/06/02 10:27
S106	2	phospholipase\$1 near10 select\$3 near10 dough	US-PGPUB; USPAT	OR	ON	2010/06/02 11:34
S107	0	phospholipase\$1 near10 cho\$5 near10 dough	US-PGPUB; USPAT	OR	ON	2010/06/02 11:35
S108	0	phospholipase\$1 near10 incubat\$3 near10 dough	US-PGPUB; USPAT	OR	ON	2010/06/02 11:35
S109	4	phospholipase\$1 near10 test\$3 near10 dough	US-PGPUB; USPAT	OR	ON	2010/06/02 11:36
S110	1	phospholipase\$1 near10 test\$3 near10 dough	EPO; JPO; DERWENT	OR	ON	2010/06/02 11:43

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